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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/618,832	07/14/2003	Sui-Kay Wong	JETTA-002US	5926

7590 09/15/2004  
Kevin J. McGough  
714 Colorado Avenue  
Bridgeport, CT 06605

EXAMINER

WINNER, TONY H

ART UNIT	PAPER NUMBER
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3611

DATE MAILED: 09/15/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

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<b>Office Action Summary</b>	Application No. 10/618,832	Applicant(s) WONG, SUI-KAY	
	Examiner Tony H. Winner	Art Unit 3611	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 14 July 2003.
- 2a) ☐ This action is FINAL.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 14-17 is/are allowed.
- 6) ☒ Claim(s) 1-13 and 18-19 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 14 July 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>7/14/03</u> . | 6) <input type="checkbox"/> Other: _____  |

### DETAILED ACTION

1. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the following features must be shown or the features canceled from the claims:

- a. Flexible/Universal joint of claims 1 and 7,
- b. Plurality of front steering wheel shafts of claims 1, 7, and 14,
- c. A rigid/chain conveyance connector of claims 3, 9, 13, 14, and 16 (e.g. the current configuration, clamp (4) will not support a rigid rod design)
- d. An anti-rollback disengagement system mounted on either the frame or the control assembly of claim 14,
- e. An engagement that simultaneously engaging the sleeve and control level assembly of claims 7, 13, and 18,
- f. A grip that engages both the outer surfaces of the sleeve and control lever assembly of claim 5.

No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate

changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

### ***Specification***

2. The disclosure is objected to because of the following informalities:

The terminology "anti-rollback apparatus (68)" is used throughout the specification and the claims are inappropriate. Looking closely at figure 4 and the specification (page 13, 2<sup>nd</sup> paragraph from the top) the device 68 includes a locking pin (70) that engages an aperture (74). Such engagement would not only prevent the wheel (18) from rolling back but also rolling forward. Thus, the terminology (anti-rollback apparatus) should be changed to – wheel locking mechanism or anti-roll apparatus –.

Appropriate correction is required.

### ***Claim Objections***

3. Claims 1, 5, 7, 11, 13, and 18 are objected to because of the following informalities:

a. Claim 1 line 13 the recitation "said foot rest plate" lacks antecedent basis. To overcome the objection, the word "plate" should be removed,

b. Claim 5 the recitation "the outer surface" lacks antecedent basis

c. Claim 11 the recitation "the top of the outer surface" lacks antecedent basis,

d. There is an administrative error with regard to claims 1, 7, 13, and 18. The letter (e) should be changed to – (d) --.

Appropriate correction is required.

#### ***Claim Rejections - 35 USC § 112***

4. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 1, 7, 13, 18, and 19 are rejected under 3,5 U.S.C. 1 12, first paragraph, as failing to comply with the written description requirement. The claims contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the invention, at the time the application was filed, had possession of the claimed invention. The claims state an increasing in propulsion force is achieved by moving the control lever assembly closer to the pivot mounting near the footrest. While the specification briefly mentioned the claimed invention, the specification fails to describe how the propulsion force is increased by changing the effective length of the control lever. The examiner believes

that by varying the length of the control lever, the input torque will be compromised; but it is uncertain how the change in torque would increase the propulsion force.

5. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 5, 8, 11, 12, and 19 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

a. With regard to claims 5 and 11, the recitation "it" is unclear. The examiner is not clear as to what structure is referred to by the word "it".

b. With regard to claims 8 and 19, the recitation "claw engaging said claw" is unclear and confusing.

c. With regard to claims 8, 12, and 19 the recitation "clutch and claw" is unclear and confusing. It appears the claimed structure is a one-way clutch that includes a ratchet and claw mechanism. Is this what the applicant trying to claim?

### ***Reasons for Allowance***

7. The following is an examiner's statement of reasons for allowance:

Claims 14-17 are allowed because the prior art neither shows nor teaches a manually propelled vehicle with all the intricate interconnecting structural of the claimed invention.

Claims 18-19 would be allowed if rewritten to overcome any objections and rejections listed above.

***Conclusion***

8. Any inquiry concerning this communication or earlier communication from the examiner should be directed to Anthony H. Winner whose telephone number is (703) 306-5957. The examiner can normally be reached on Monday-Friday from 9:30 am to 6:30 pm. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lesley Morris, can be reached at (703) 308-0629. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

9. Information regarding the status of an application may be obtained from the Patent Application Information-Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll free).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1113.

  
**TONY WINNER**  
**PATENT EXAMINER**

September 12, 2004